IOP Conference Series: Materials Science and Engineering 2018 vol.412 N1

Application of electric erosion machining for the restoration of splined surfaces

Kulakov A., Barylnikova E., Nazarov F., Yu Kovalenko S., Gribkov K. Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

© Published under licence by IOP Publishing Ltd. The paper presents an analysis of the possibility of using electric erosive machining when restoring splined surfaces on specialized equipment.

http://dx.doi.org/10.1088/1757-899X/412/1/012051

References

- [1] Kulakov A T, Denisov A S and Makushin A A 2013 Features of design, operation, maintenance and repair of power units of trucks:: textbook (M.: Infra-Inzhenerija) 448
- [2] Kulakov A T 2007 Increase of reliability of autotractor diesel engines by improving the process of lubrication, cleaning and technology of repair of basic elements: diss.... d-r of technical sciences: 05.20.03 558
- [3] Kulakov A T and Denisov A S 2007 Maintenance of reliability of autotractor engines (Saratov: Sarat. state techn. University) 422
- [4] Azamatov R A, Dazhin V G, Kulakov A T and Modin A I 2004 Restoration of car parts of KamAZ: textbook (Naberezhnye Chelny: KAMAZ) 215
- [5] Azamatov R A, Denisov A S, Kulakov A T and Kurdin P G 2007 Restoration of the details of the power unit of KAMAZ 740.11-240 (Euro-1): textbook (Naberezhnye Chelny: KamAZ) 306
- splines [6] Restoring i n holes [Electronic resource]. mode: Access http://www.szkv.ru/vosstanovlenie-shlitsev-v-otverstiyah.html - 04.07.2017 - ref-separator -
- [7] Molodyk N V and Zenkin A S 1989 Restoration of machine parts (M.: Mashinostroenie) 480
- [8] Kulakov A T, Denisov A S, Kalimullin R F, Ju Kovalenko S and Gribkov K V 2015 Method for restoring a worn out surface of the slots of the synchronizer carriage Pat. 2622551 of Russian Federation, MPK B 23 P 6/00, B 23 H 9/12